

# Notice of Allowability

Application No.

10/664,261

Examiner

Cheyne D. Ly

Applicant(s)

KUMMAMURU ET AL.

Art Unit

2168

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to October 24, 2006.
2. ☒ The allowed claim(s) is/are 17, 22, 23, 24, 28, 33, 34, 35, 37, 38, 40, and 41 (renumbered as 1-12).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



TIM VO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Applicant's request for correction on the filing receipt, filed October 24, 2006, has been entered. The corrected inventive entity has been documented in the application as appears below:

SERIAL NUMBER	FILING OR 371(c) DATE
10/664,261	09/17/2003
RULE	
<b>APPLICANTS</b>	
Krishna Kumamuru, New Delhi, INDIA; Raghuram Krishnapram, New Delhi, INDIA;	

3. Authorization for this examiner's amendment was given in a telephone interview with Mohammad S. Rahman (Reg. No. 43,029) on January 04, 2006.
4. The application has been amended as follows:  
**IN THE CLAIMS**
5. Cancel claims 18, 20, 26, 27, 29, 31, 36, and 39.
6. Claim 17, line 11, delete "and".
7. Claim 17, line 12, after "set"; insert -- ; and --.
8. Claim 17, beginning with new line 13, insert – profiling said entity by presenting the top ranked concepts within each set to a user--.

Art Unit: 2168

9. Claim 23, line 9, delete “and”.
10. Claim 23, line 10, after “set”; insert -- ; and --.
11. Claim 23, beginning with new line 11, insert – profiling said entity by presenting the top ranked concepts within each set to a user --.
12. Claim 28, line 13, delete “and”.
13. Claim 28, line 14, after “set”; insert -- ; and --.
14. Claim 28, beginning with new line 15, insert – profiling said entity by presenting the top ranked concepts within each set to a user --.
15. Claim 34, line 13, delete “and”.
16. Claim 34, line 14, after “set”; insert -- ; and --.
17. Claim 34, beginning with new line 15, insert – means for profiling said entity by presenting the top ranked concepts within each set to a user --.

#### **REASON FOR ALLOWANCE**

18. The following is an examiner’s statement of reasons for allowance:
19. The prior art of record fails to teach or suggest the claimed invention individually or in combination claimed invention as set forth in independent claims 17, 23, 28, and 34 as amended. For example, the prior art does not teach or suggest the claimed invention as a whole, wherein the method of profiling is limited to “classifying said identified concepts into exactly four classification sets; ranking said identified concepts within each set; and wherein the contexts are

Art Unit: 2168

identified by finding a set of the words and phrase...that mutually do not appear together in documents..."

20. Dependent claims 22, 24, 33, 35, 37, 38, 40, and 41 being further limiting to the independent claim 17, 23, 28, or 34, definite, and enabled by the specification are also allowed.

21. The closest prior art, Hetzler et al., disclose a method for determining complex interrelationships between documents based on the terms they contain. However, Hetzler et al. does not teach or suggest the limitations cited above as being free of any prior art when read in the claims as a whole.

22. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### CONCLUSION

23. Claims 17, 22, 23, 24, 28, 33, 34, 35, 37, 38, 40, and 41 (renumbered as 1-12) are allowed.

24. Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of


Art Unit: 2168

the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete service center supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public.

25. For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199. The USPTO's official fax number is 571-272-8300.

26. Any inquiry concerning this communication or earlier communications from the examiner should be directed to C. Dune Ly, whose telephone number is (571) 272-0716. The examiner can normally be reached on Monday-Friday from 8 A.M. to 4 P.M.

27. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Vo, can be reached on (571)272-3642.

C. Dune Ly /   
Patent Examiner  
1/5/07



**TIM VO**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**